

ABSTRACT

A vehicle air conditioner includes a casing having an air passage from which air blows out to a passenger compartment of a vehicle, a carbon-dioxide-gas compression refrigerator including a compressor, a radiator and a evaporator, an air heater for heating air that blows out from the air passage by heat generated by the vehicle and a control unit for circulating compressed carbon-dioxide-gas through the radiator if heat energy of the air heater is less than a prescribed capacity but is sufficient to heat the air blowing out to the passenger compartment.